



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
PALM BEACH GARDENS REGULATORY OFFICE
4400 PGA BOULEVARD, SUITE 500
PALM BEACH GARDENS, FLORIDA 33410

Palm Beach Gardens Regulatory Office

PUBLIC NOTICE

Permit Application No. SAJ-1996-3984

OCT 07 2004

TO WHOM IT MAY CONCERN: This District has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344) as described below:

APPLICANT:

Florida Department of Transportation - District 4
3400 West Commercial Boulevard
Fort Lauderdale, Florida 33309

WATERWAY & LOCATION: The proposed project consists of impacts to freshwater wetlands associated with the construction of roadway widening along SR 70 from West of Header Canal Road to McCarty Road (Segment 5) and construction of a new shared use path along SR 70 from McCarty Road to the Florida Turnpike located in Sections 1 and 2 Township 36 South, Range 38 East; Section 6 Township 36 South, Range 39 East and Sections 23, 26-29, 31 and 32 Township 35 South, Range 39 East in St. Lucie County. To reach the project from West Palm Beach, head North on the Florida Turnpike to the SR 70 exit and then go west on SR 70 to the Header Canal. This is the start of the roadway widening project, which extends east to McCarty Road, with the shared use path continuing east to the Florida Turnpike.

LATITUDE & LONGITUDE:

Latitude 27° 22' 30" North Longitude 80° 30' 00" West

PROJECT PURPOSE:

Basic: The basic purpose of the project is to improve traffic safety and flow.

Overall: The overall purpose of the proposed project is to provide additional lanes to handle traffic volumes and to provide hurricane evacuation means for St. Lucie County.

PROPOSED WORK: The applicant proposes to widen SR 70 from two to four lanes, construct bridges over Ten-Mile Creek and the Header Canal, and provide a drainage system to accommodate the ultimate six-lane widening through the placement of fill in 0.13 acres of wetlands and 8.20 acres of Waters of the United States. For further details, see attached drawing numbers 1-22 dated 9/30/04. A complete set of project drawings is available for viewing at the Palm Beach Gardens Regulatory Office.

PROJECT HISTORY: A search of our records indicates that there is an existing Department of Army permit (199603984) found for this specific location. The applicant intends to modify that permit for this portion of the project (segment5). The Corps is also reviewing an application under this same file number for Segment 4, which is located immediately to the west of Segment 5 currently on Public Notice dated 9/10/04.

EXISTING CONDITIONS: There is one wetland on the Segment 5 of State Road 70 that is proposed to be impacted. The area to be filled is classified as a freshwater hardwood forest. The wetland is located adjacent to the north side of SR 70 just west of Canal 83. The site contains a canopy of Sabal palm (*Sabal palmetto*) and Bald Cypress (*Taxodium distichum*). The groundcover consists of panicum/panic grasses (*Panicum spp.*), flat sedges (*Cyperus spp.*), and carpet grasses (*Axonopus spp.*). The wetland includes some Brazilian pepper (*Schinus terebinthifolius*). The Waters of the United States are historic drainage ditches/canals and local farm ditches used for stormwater conveyance, storage and irrigation.

MITIGATION: Mitigation proposed for this project consists of the purchase of credits at an offsite mitigation bank for the replacement of the functions and values of the wetland impacts anticipated for this proposed project. Mitigation proposed for impacts to waters of the United States consists of the relocation of the existing ditch and the construction of a stormwater treatment system that includes littoral shelves for the replacement of the functions and values provided by the existing artificial flowways. Evaluation of the final mitigation proposal will be based on the Wetland Rapid Assessment Procedure (WRAP).

ENDANGERED SPECIES: Based on information available to the Corps, the project is within the core foraging area of a wood stork (*Mycteria americana*) colony. Since the applicant has proposed the purchase of credits at a mitigation bank within the same core foraging area (Bluefield Mitigation Bank), the Corps has determined that the proposed project *may affect, but is not likely to adversely affect* the wood stork. The applicant has indicated the potential for the presence of the eastern indigo snake (*Drymarchon corais couperi*) on-site and will follow the standard protection measures for this species. With incorporation of the standard construction conditions, the Corps has determined that the proposed project *may affect, but is not likely to adversely affect* the eastern indigo snake. The Corps has also observed crested caracara (*Polyborus cheriway*) foraging within the project limits. Because of the potential for nesting activity within the project limits, the Corps has determined that the proposed project *may affect* the crested caracara. The Corps is not aware of any threatened or endangered species on the project site. In a separate letter, these determinations are being coordinated with the U.S. Fish and Wildlife Service pursuant to Section 7 of the Endangered Species Act.

NOTE: This public notice is being issued based on information furnished by the applicant. The wetland limits have been confirmed by staff members from the Corp's South Permits Branch, Palm Beach Gardens Regulatory office.

AUTHORIZATION FROM OTHER AGENCIES: The South Florida Water Management District is currently evaluating an application for an Environmental Resource Permit (Application Number 040601-10).

Comments regarding this application should be submitted in writing to the District Engineer at the above address within 30 days from the date of this notice.

If you have any questions concerning this application, you may contact Mr. Ken Huntington of the Palm Beach Gardens Office by telephone (561-472-3507), fax (561-626-6971) or by e-mail at kenneth.b.huntington@saj02.usace.army.mil.

COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS
SIGNING & PAVEMENT MARKING PLANS
STRUCTURAL PLANS

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

RECEIVED

JUN 14 2004

WACKSONVILLE BLDGS
REBAGG

FINANCIAL PROJECT ID 230262-5-52-01

(FEDERAL FUNDS)

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.

KEY SHEET

SUMMARY OF PAY ITEMS

DRAINAGE MAPS

TYPICAL SECTIONS

GENERAL NOTES

SUMMARY OF QUANTITIES

PROJECT NETWORK CONTROL

ROADWAY PLANS & PROFILES

E DETAILS

STRUCTURE DETAILS

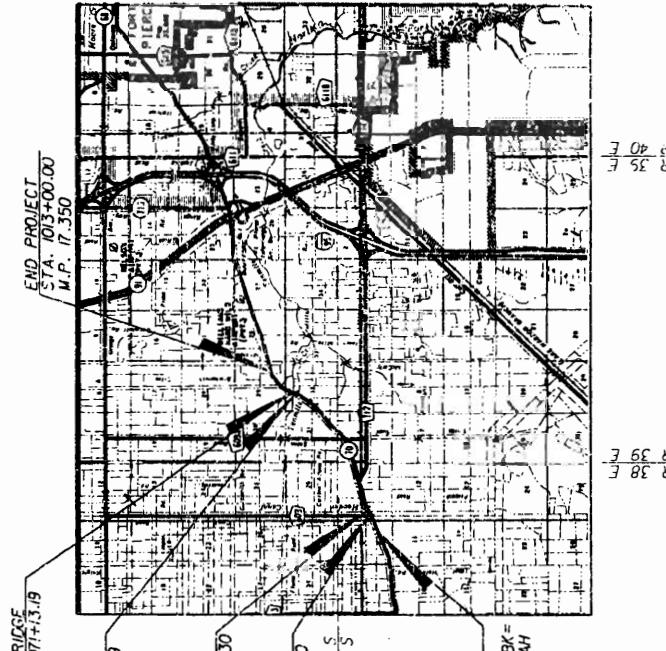
SECTION DETAILS

E STRUCTURES

SOIL SURVEY

SECTION

CONTROL PLANS



BEGIN PROJECT
EQUATION
STA. 803+37.34 BK =
STA. 804+00.00 AH
M.P. 13.352

AD SPECIFICATIONS:
RESPONSIBILITY,
DESIGN STANDARDS
AND STANDARDS
FOR ROAD AND BRIDGE
WORK,
DOCUMENTS.

VISCONS

LENGTH OF PROJECT	
ROADWAY	LIN. FT. MILES
BRIDGES	20,511.52 3.825
NFT LENGTH OF PROJ.	388.48 0.013
EXCEPTIONS	20,900.00 3.838
GROSS LENGTH OF PROJ.	20,920.00 3.848

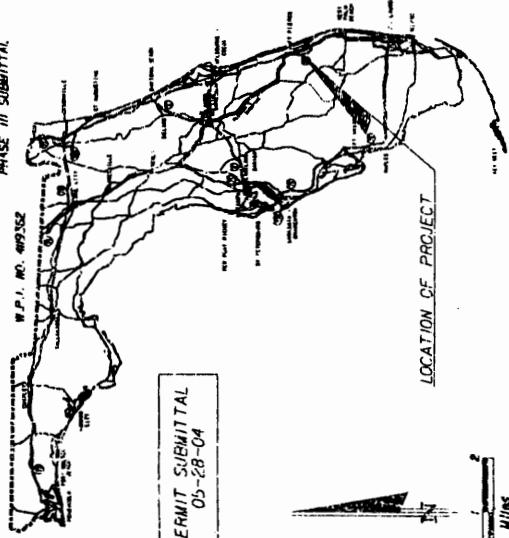
FOOT PROJECT MANAGER : MR. HENRY CAKHENNA, P.E.

U.S. Army Corps of Engineers
D.A. # 199603984
Drawing Number 1 of 24
Date: 9/30/04



PHASE III SUBMITTAL

W.P.I. NO. 409152



CONTRACT PLANS

PERMIT SUBMITTAL
05-28-04

LOCATION OF PROJECT

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:
MR. SAMUEL W. REYNOLDS, P.E.
2020 E. COPPERWATER DRIVE, SUITE 200
ORLANDO, FL 32804
(407) 639-0134
(407) 639-0154 FAX (407) 639-0150

ConsultTech

ORIGINAL SUBMITTAL

TRANSITION, INC.
FLORIDA DEPT. OF CONSTRUCTION
2648 TOWER PARK DR., SUITE 100
ORLANDO, FL 32804
(407) 639-0134 FAX (407) 639-0150

WPB

ORIGINAL SUBMITTAL
JUN 01 2004

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED TO 10 REPRODUCTION.

040601-10

KEY SHEET REVISIONS	
ENT. #	REVISED

OWNER PLANS	STANLEY W. REYNOLDS, P.E.
CHANGER OR RECORDER	STANLEY W. REYNOLDS, P.E.

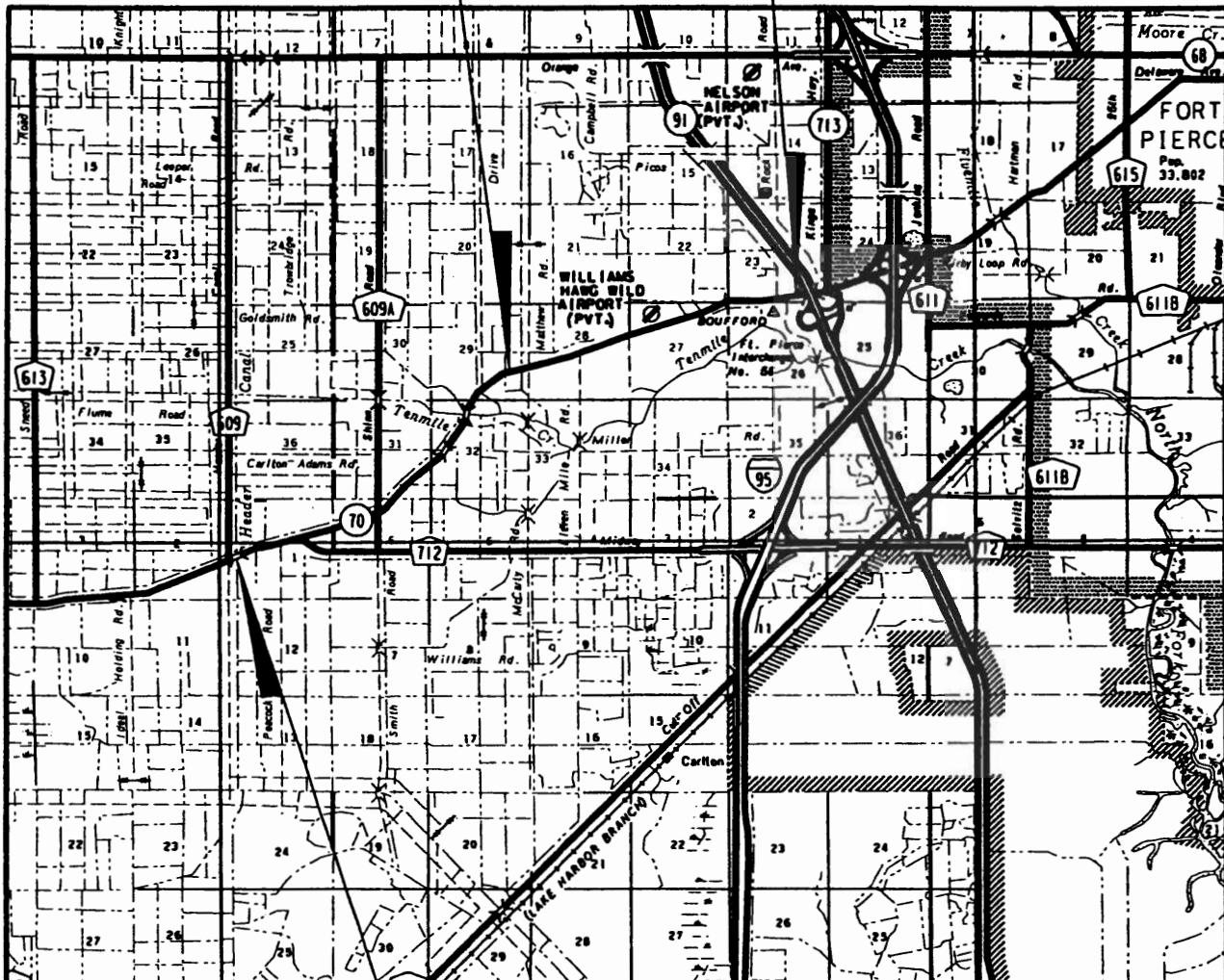
FILE NO.	05646
SHCET NO.	10 AM

05

1

BEGIN SHARED USE PATH

END SHARED USE PATH



BRIDGE NOS. 940119, 940153 & 940154

U.S. Army Corps of Engineers
D.A. # 199603984
Drawing Number 2 of 24
Date: 9/30/04

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0 10,000
Feet



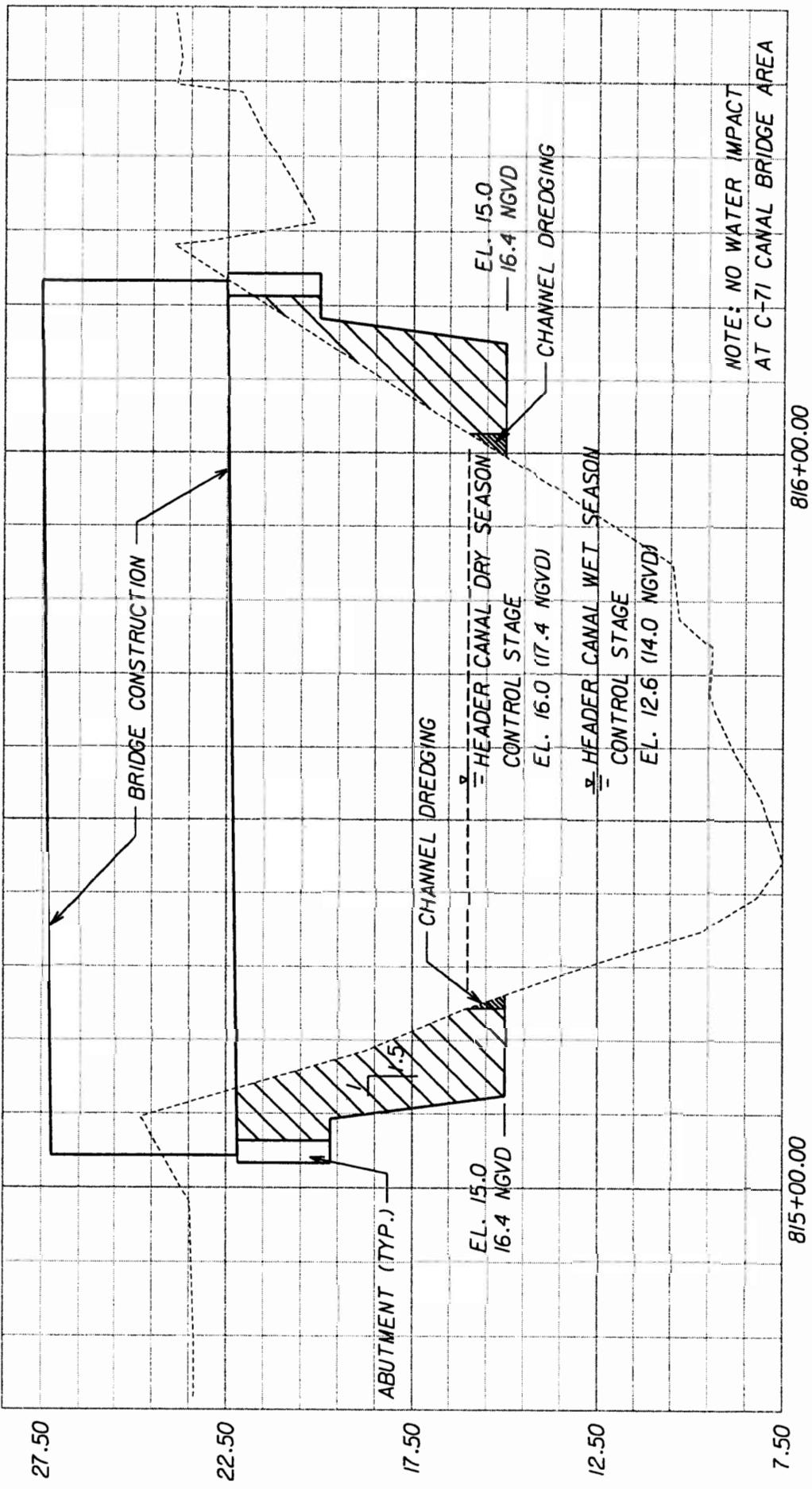
CONSUL - TECH ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS - LAND SURVEYORS
FLORIDA CERTIFICATE OF AUTHORIZATION #L057
ROBERT E. COOK, ST. STATE HLD
BIRMINGHAM, ALABAMA 35209-3442
TEL: 205-229-3442
FAX: 205-229-3443

LOCATION MAP

PROJECT DESCRIPTION: FROM SECTION LINE AT APPROXIMATELY
STA 804-00 TO McCARTY ROAD

FINANCIAL PROJ. NO. 230262-5-52-01
ST. LUCIE COUNTY

PAGE 2

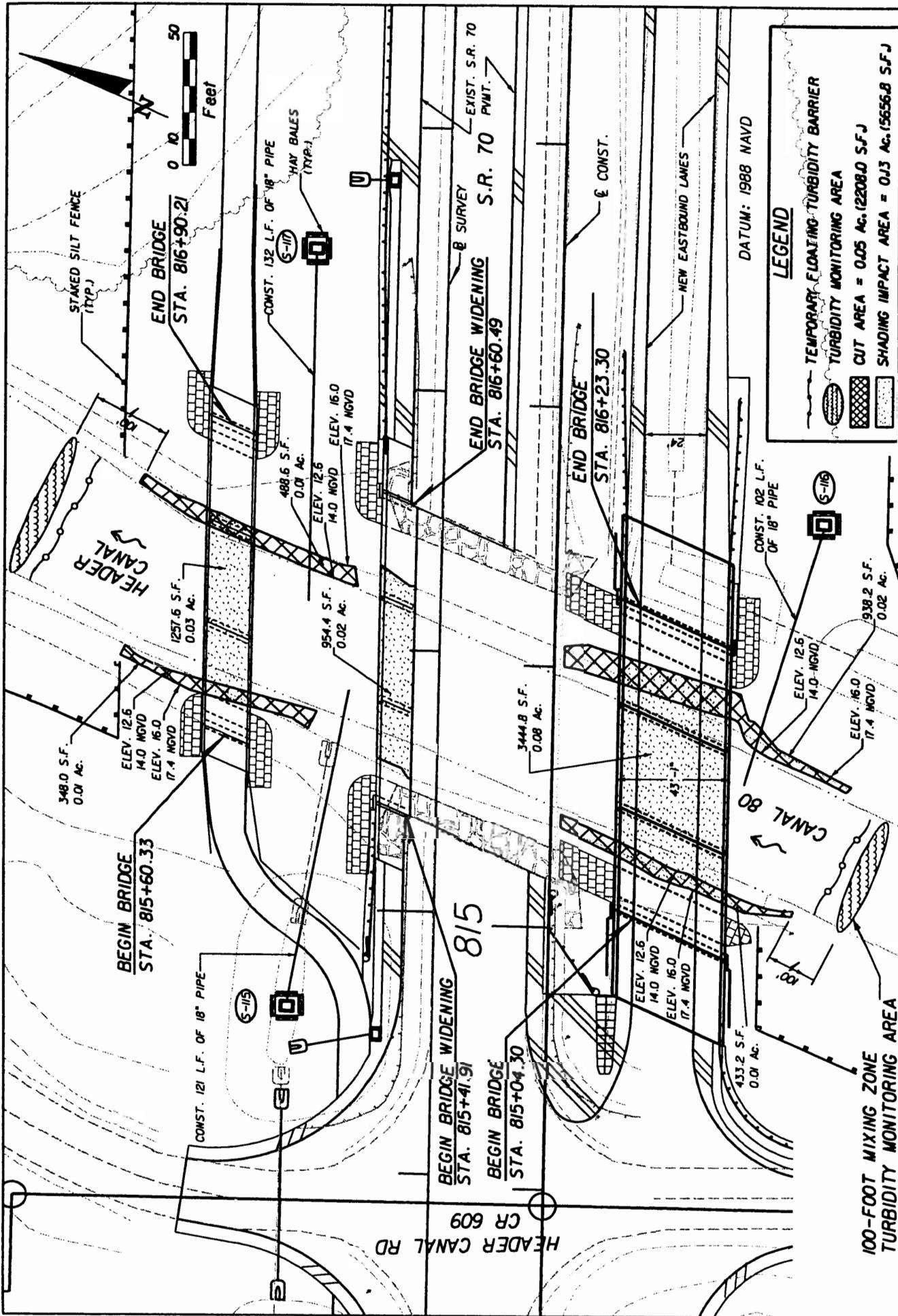


EXCAVATION

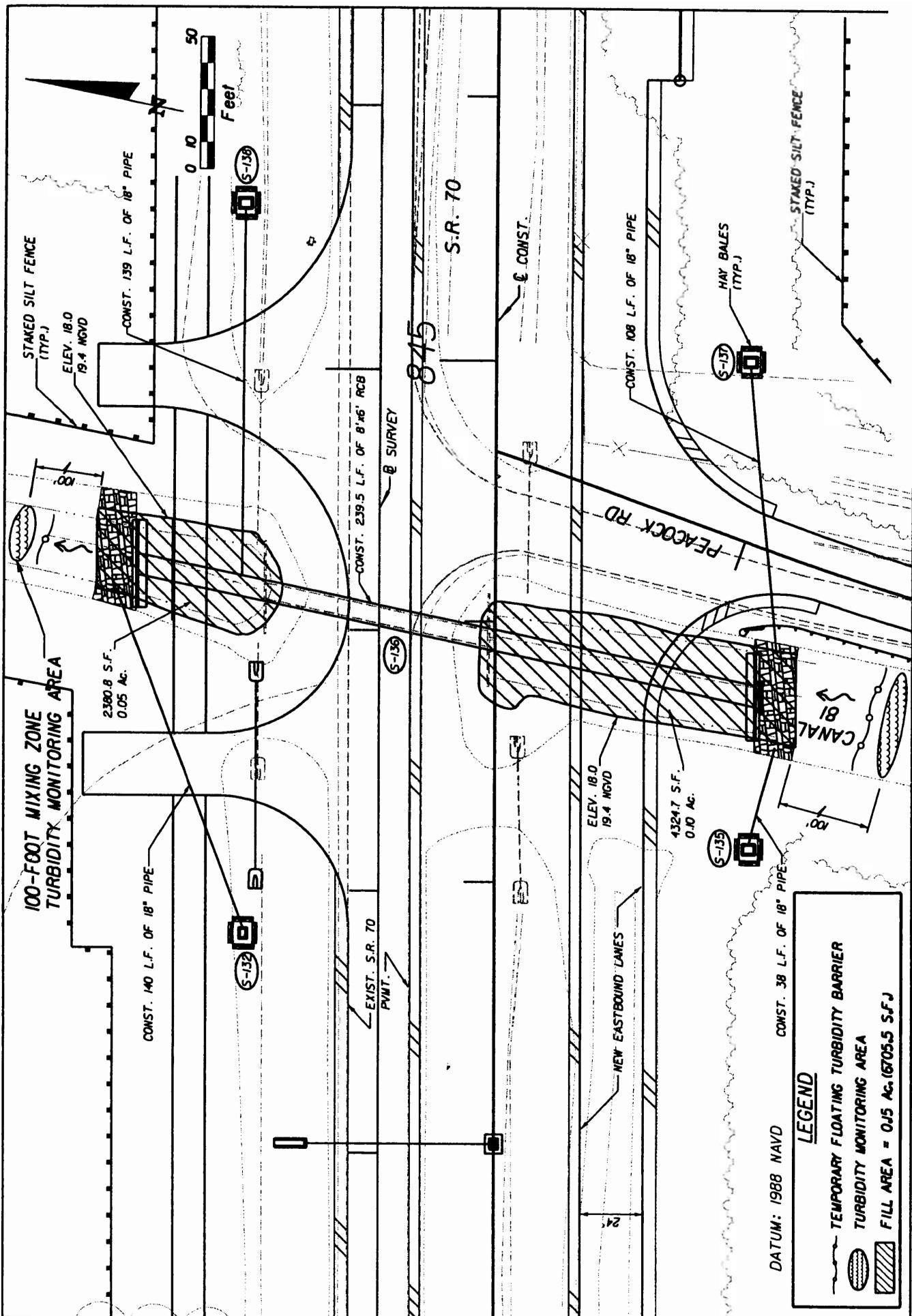
HEADER CANAL ALONG PGL AT NEW BRIDGE CONSTRUCTION ALONG S.R. 70

DATUM: 1988 NAVD

PROJECT DESCRIPTION	S.R. 70 AT HEADER CANAL ROAD	FLORIDA DEPARTMENT OF TRANSPORTATION	U.S. Army Corps of Engineers
CANAL 80			D.A. # 199603984
TMP: 36 S	RNG: 38 E	SIGNATURE _____	Drawing Number 3 of 24
SEC 1, 2		CERTIFICATE NO. 9007	Date: 9/30/04



FLORIDA DEPARTMENT OF TRANSPORTATION		U.S. Army Corps of Engineers
NAME: _____	SIGNATURE _____	CERTIFICATE NO. <u>9007</u>
D.A. # <u>199603984</u>	Drawing Number <u>4 of 24</u>	Date: <u>9/30/04</u>



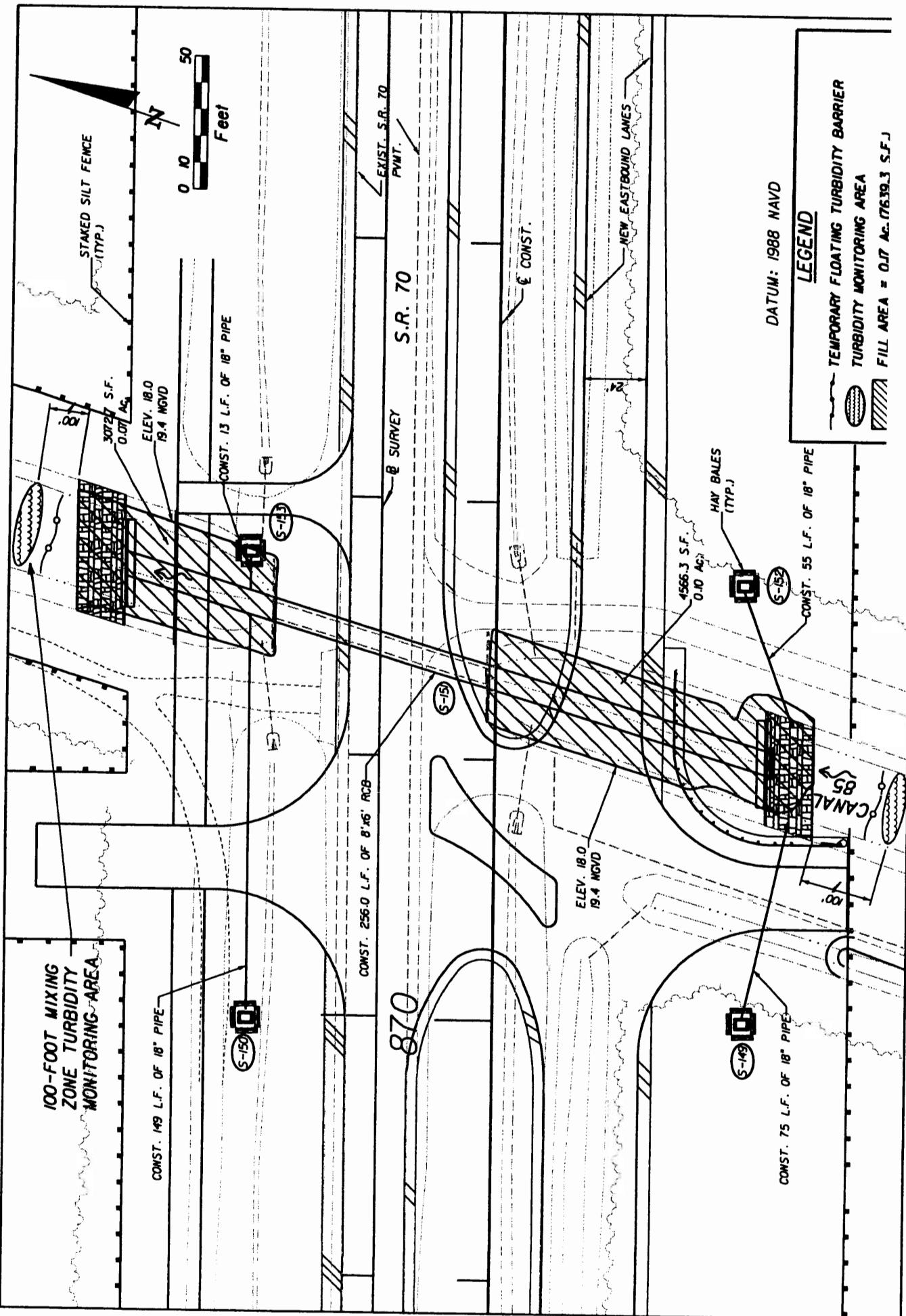
FLORIDA DEPARTMENT OF TRANSPORTATION U.S. Army Corps of Engineers

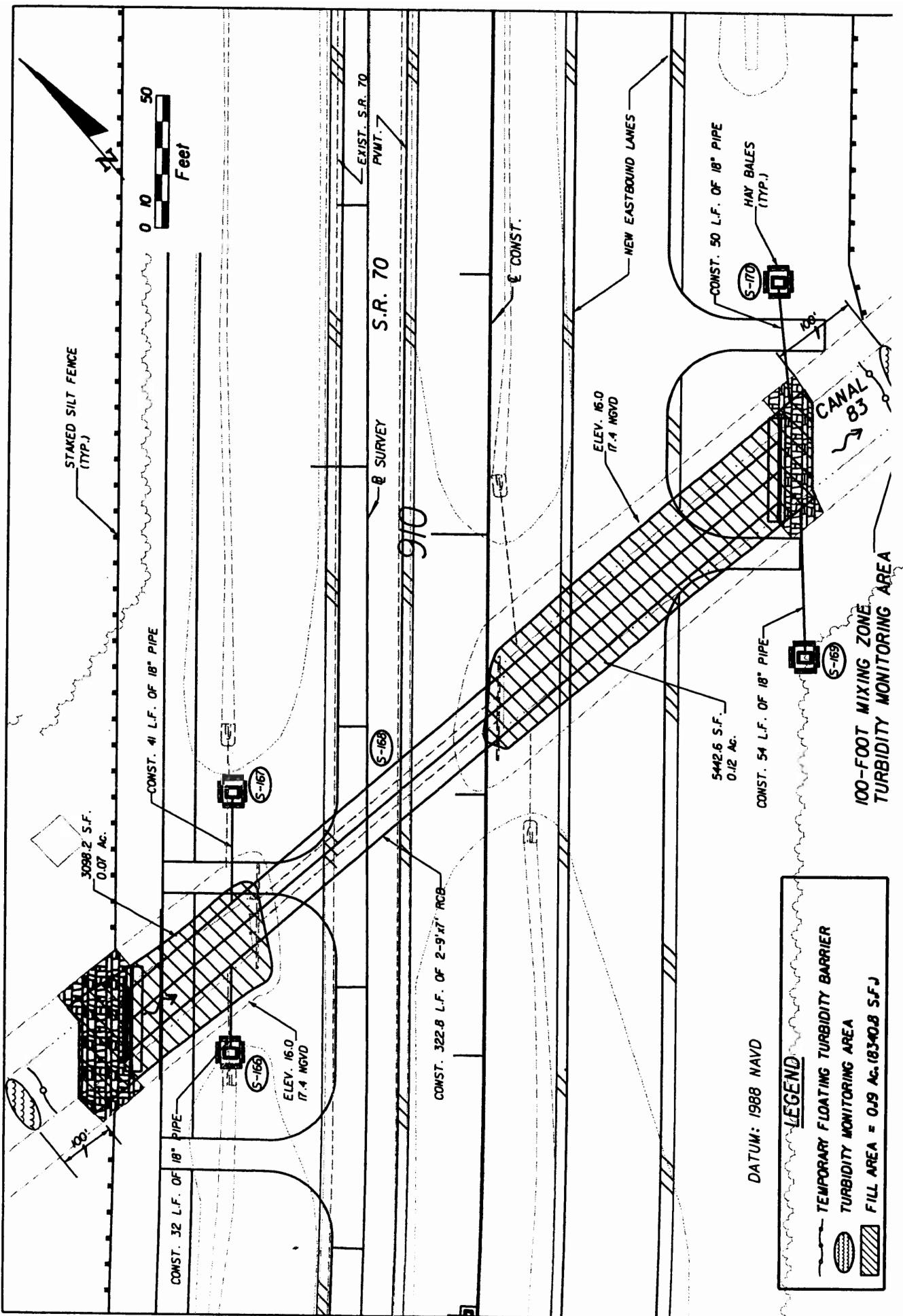
D.A. # 199603984

Drawing Number 5 of 24

Date: 9/30/04

PROJECT DESCRIPTION: S.R. 70 AT PEACOCK ROAD	NAME: _____
CANAL 81	SIGNATURE: _____
TWP. 36 S	CERTIFICATE NO. 9007
SEC. 1	DATE: _____





FLORIDA DEPARTMENT OF TRANSPORTATION U.S. Army Corps of Engineers

D.A. # 199603984

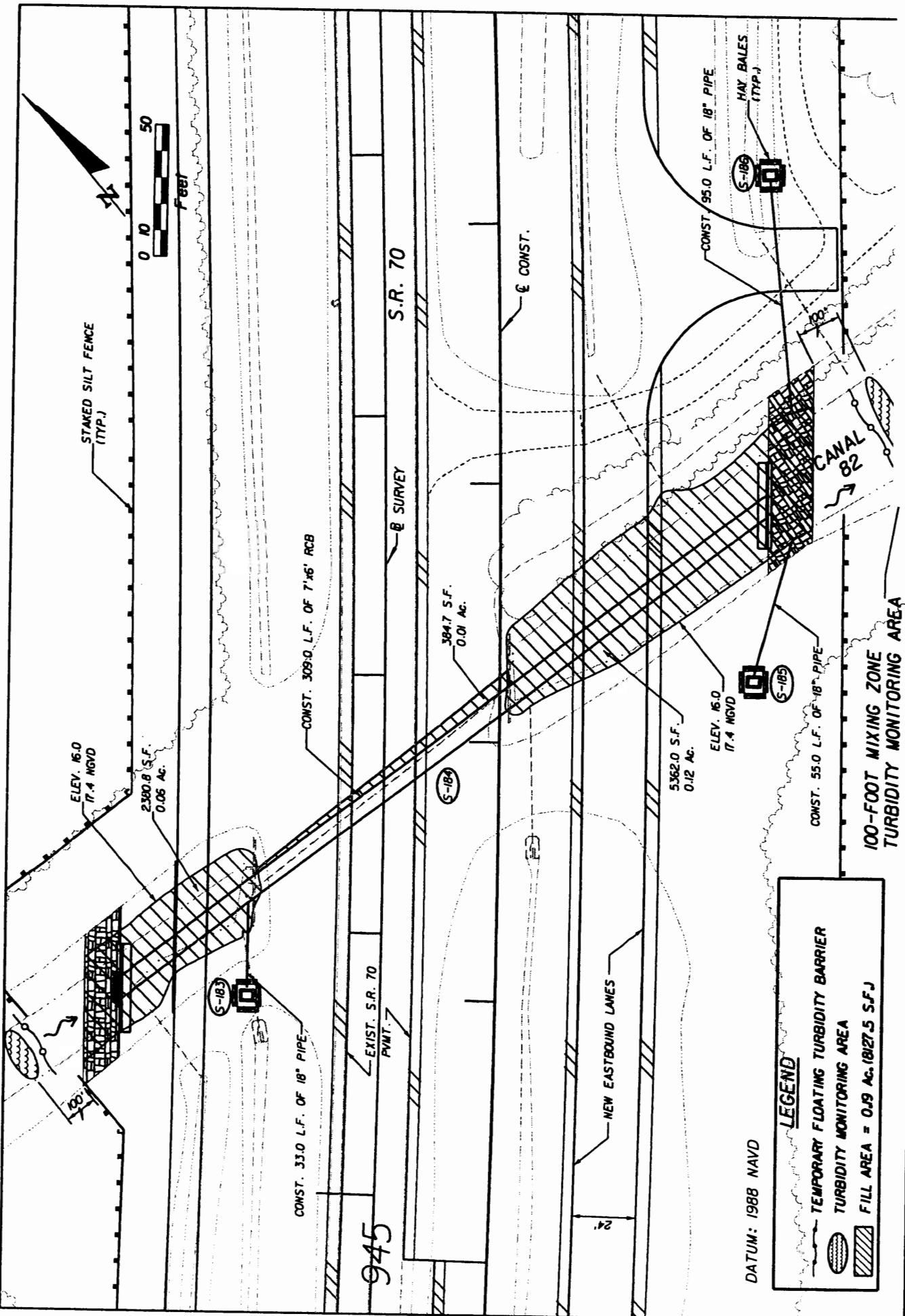
Drawing Number 7 of 24

Date: 9/30/04

PROJECT DESCRIPTION: S.R. 70 AT CANAL 83

NAME: _____
SIGNATURE: _____
CERTIFICATE NO. 9007
DATE: _____

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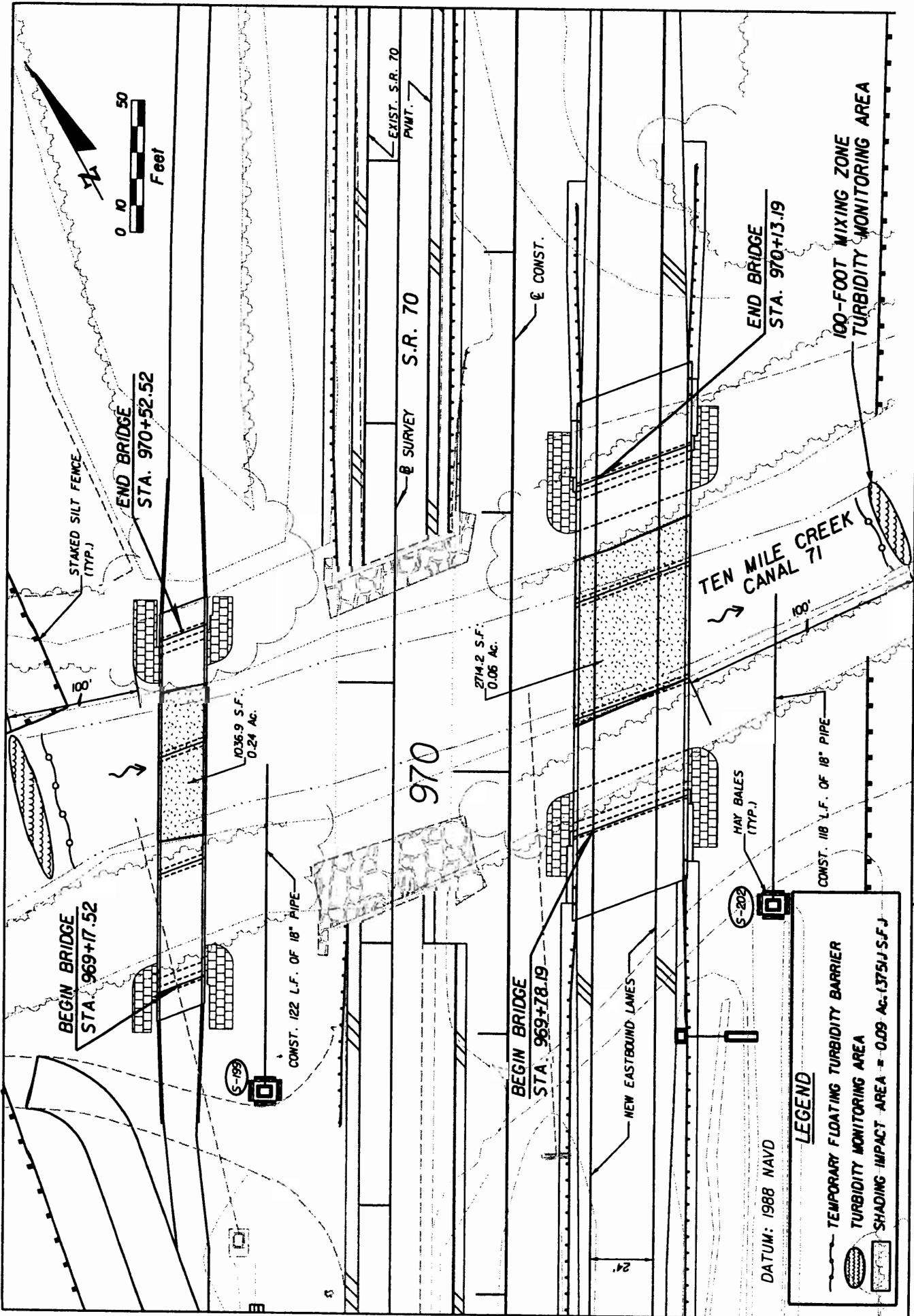


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U.S. Army Corps of Engineers
D.A. # 199603984
Drawing Number 8 of 24
Date: 9/30/04

FLORIDA DEPARTMENT OF TRANSPORT

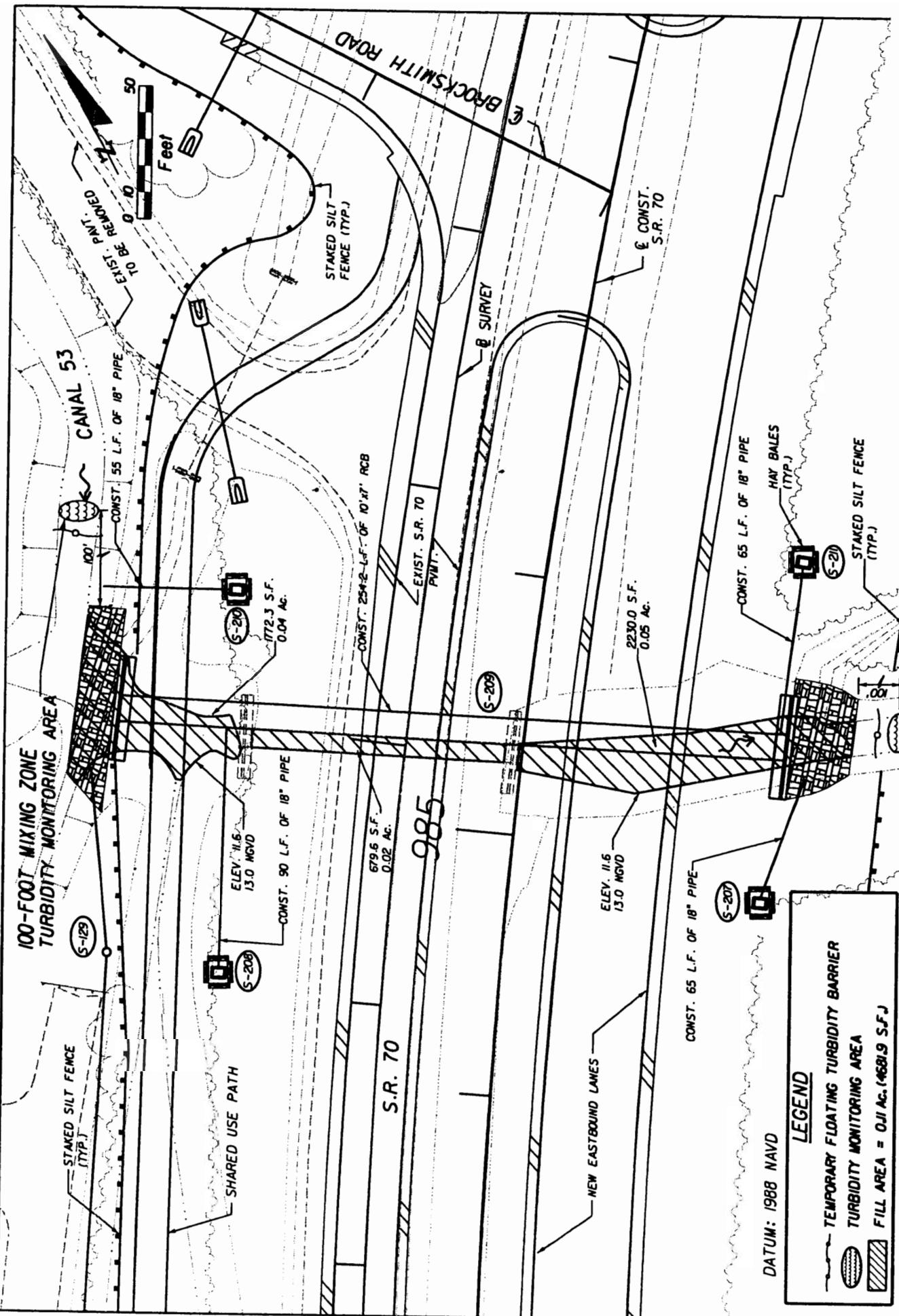
NAME: _____	SIGNATURE: _____
CERTIFICATE NO. 9007	DATE: _____
TWP 35 S	RNG 39 E
SEC 32	



FLORIDA DEPARTMENT OF TRANSPORTATION

U.S. Army Corps of Engineers
D.A. # 199603984
Drawing Number 9 of 24
Date: 9/30/04

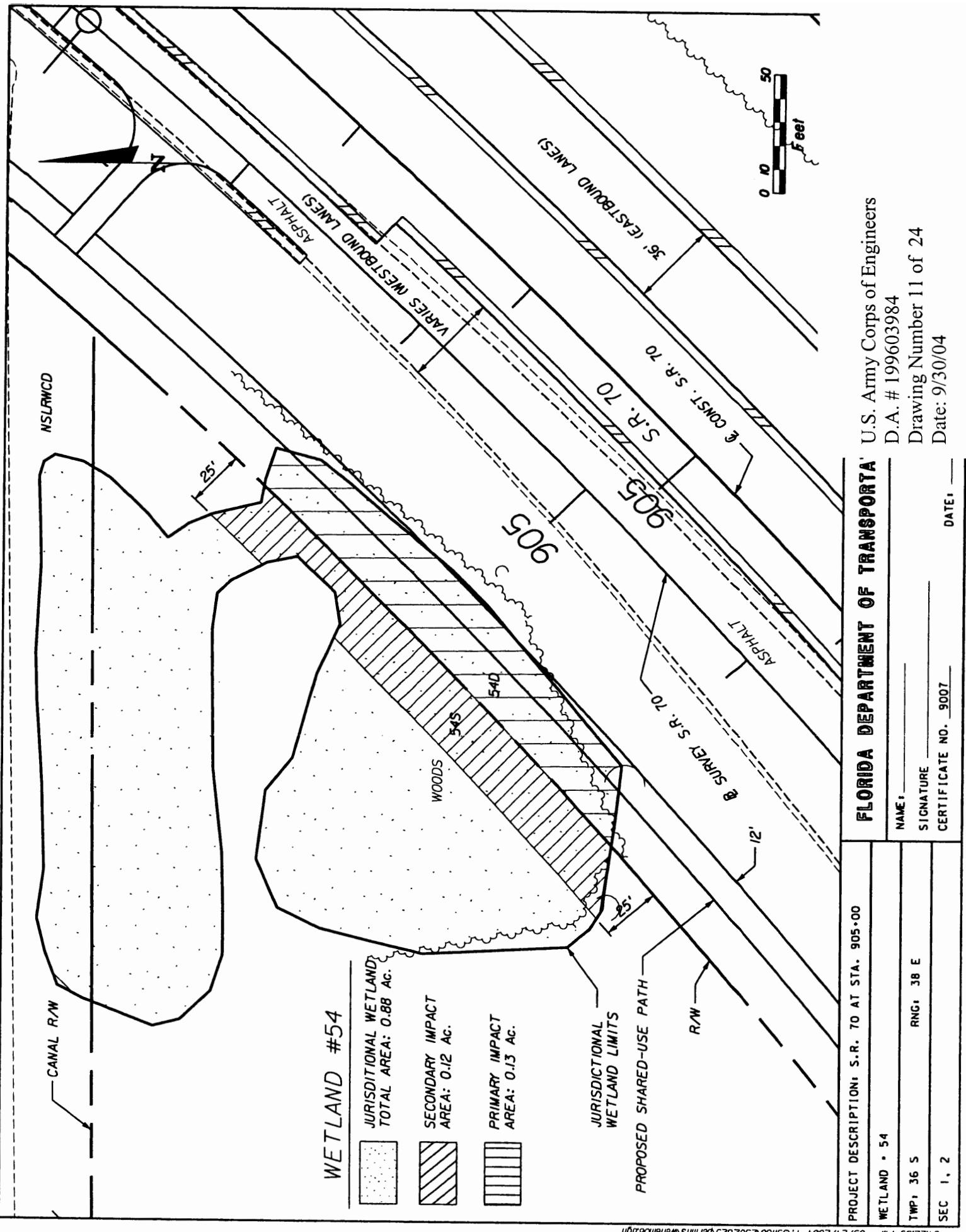
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SIGNATURE: _____
CERTIFICATE NO. 9007
DATE: _____



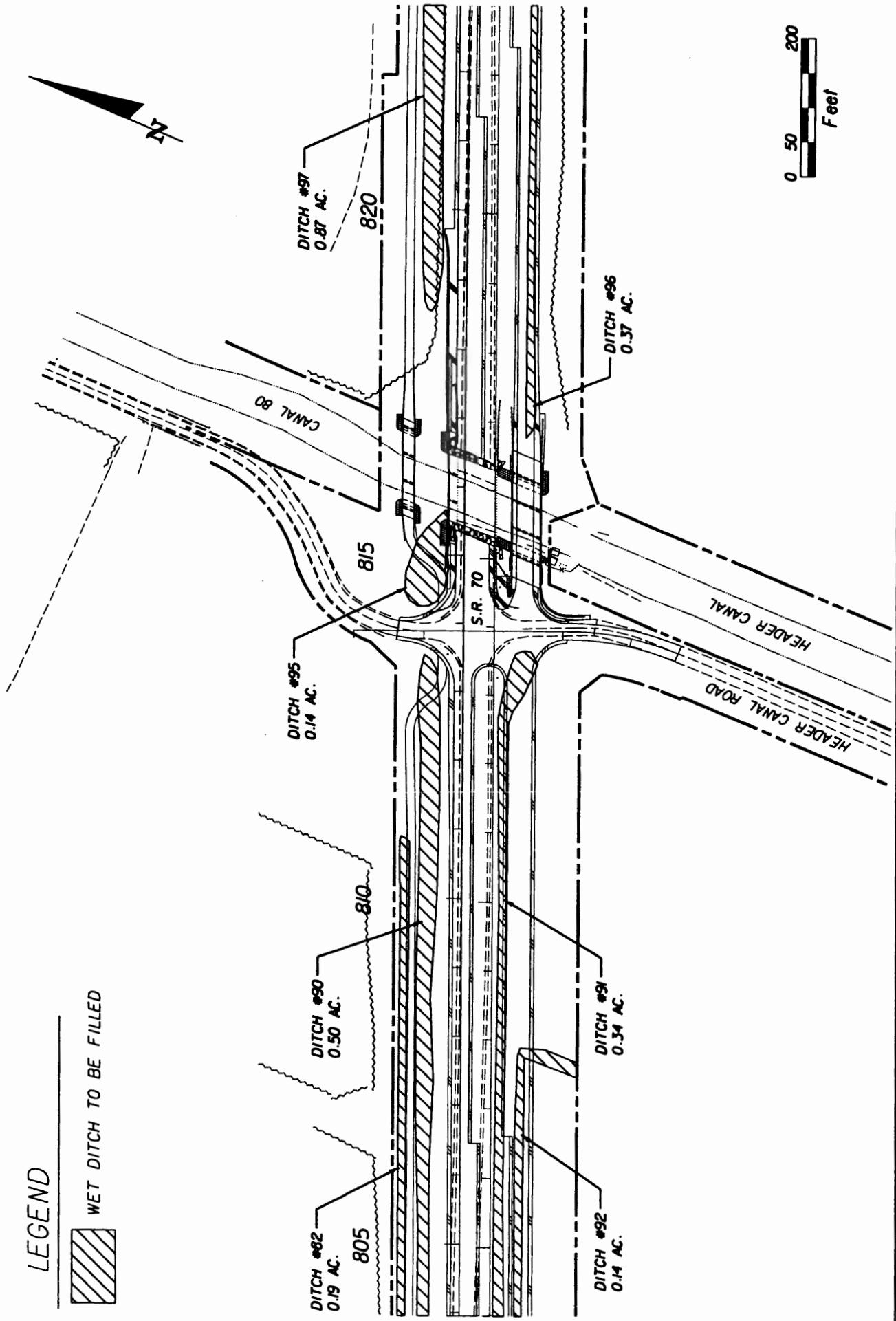
U.S. Army Corps of Engineers
D.A. # 199603984
Drawing Number 10 of 24
Date: 9/30/04

FLORIDA DEPARTMENT OF TRANSPORT

PROJECT DESCRIPTION: S.R. 70 AT CANAL 53	NAME: _____
TWP: 35 S	SIGNATURE: _____
RNG: 39 E	CERTIFICATE NO. 9007
SEC 25	DATE: _____



LEGEND



PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES

FLORIDA DEPARTMENT OF TRANSPORTATION

NAME: _____

SIGNATURE: _____

CERTIFICATE NO. 9007

TWP. 36 S RNC. 38 E

SEC 1. 2

DATE: _____

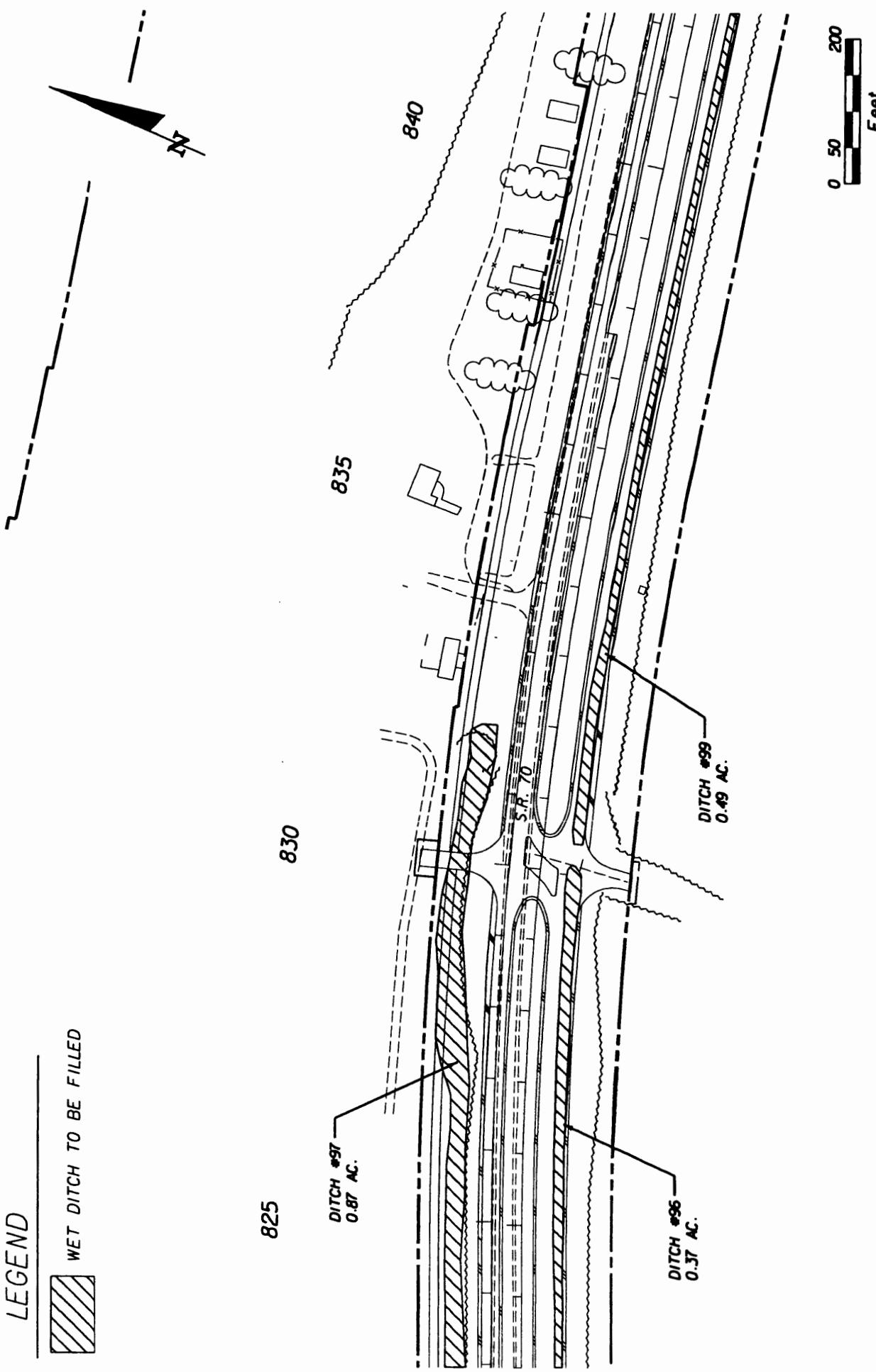
U.S. Army Corps of Engineers

D.A. # 199603984

Drawing Number 12 of 24

Date: 9/30/04

LEGEND



FLORIDA DEPARTMENT OF TRANSPORTATION

U.S. Army Corps of Engineers

D.A. # 199603984

Drawing Number 13 of 24

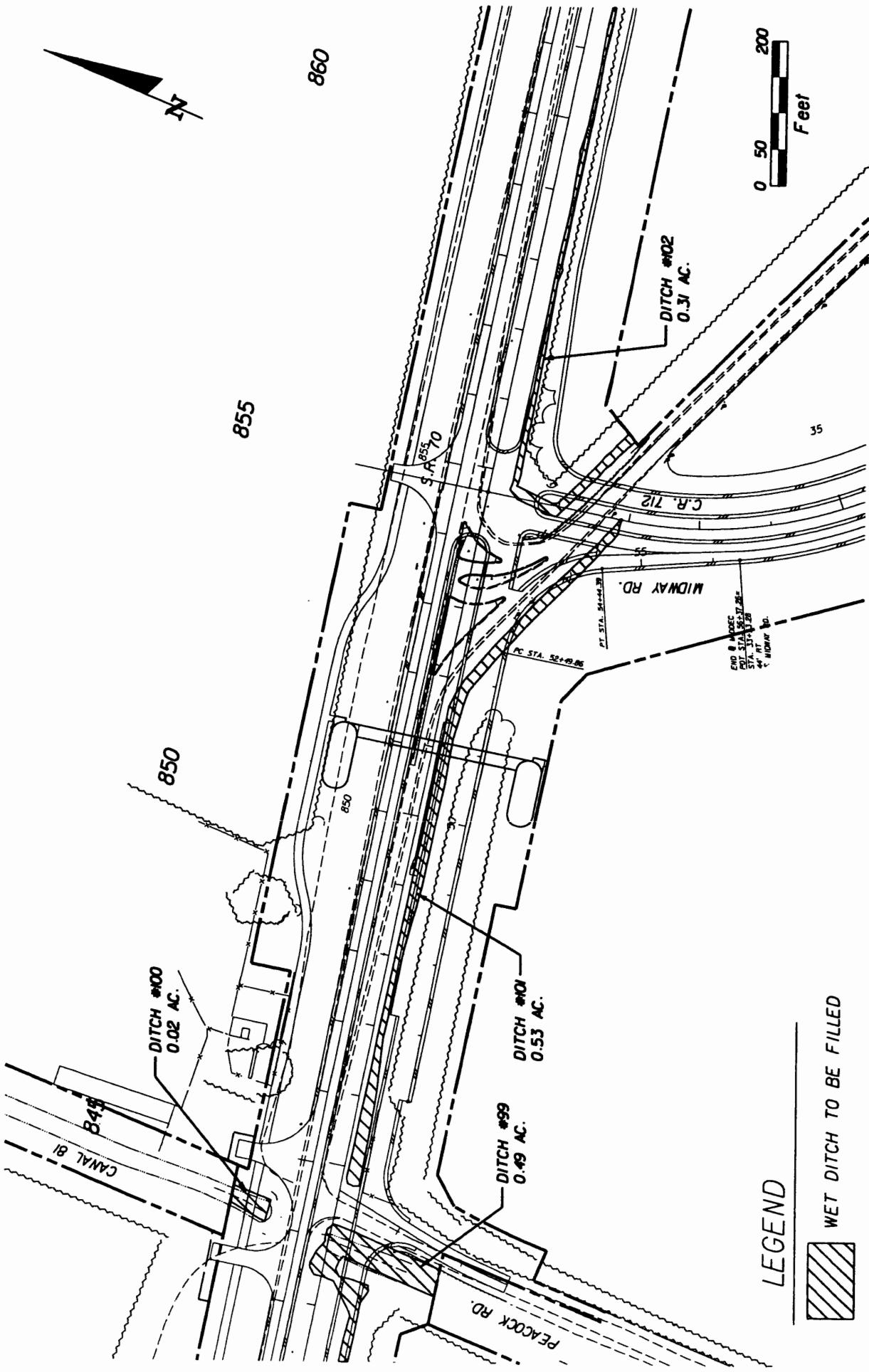
Date: 9/30/04

PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES

NAME: _____

SIGNATURE: _____

CERTIFICATE NO. 9007 DATE: _____



FLORIDA DEPARTMENT OF TRANSPORT

U.S. Army Corps of Engineers

D.A. # 199603984

Drawing Number 14 of 24

Date: 9/30/04

DATE: —

PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES

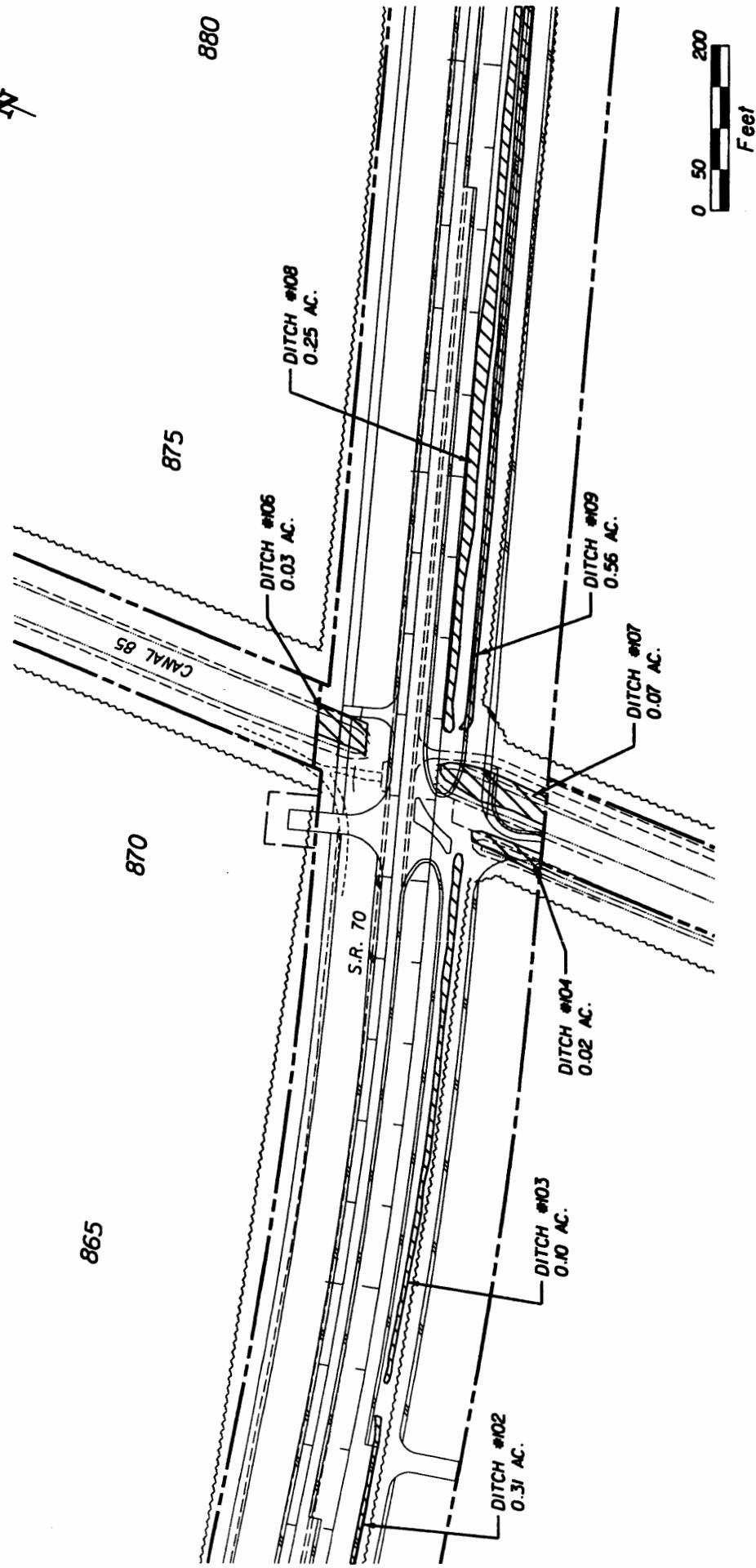
NAME: _____

SIGNATURE: _____

CERTIFICATE NO. 9007

SEC 1. 2

LEGEND

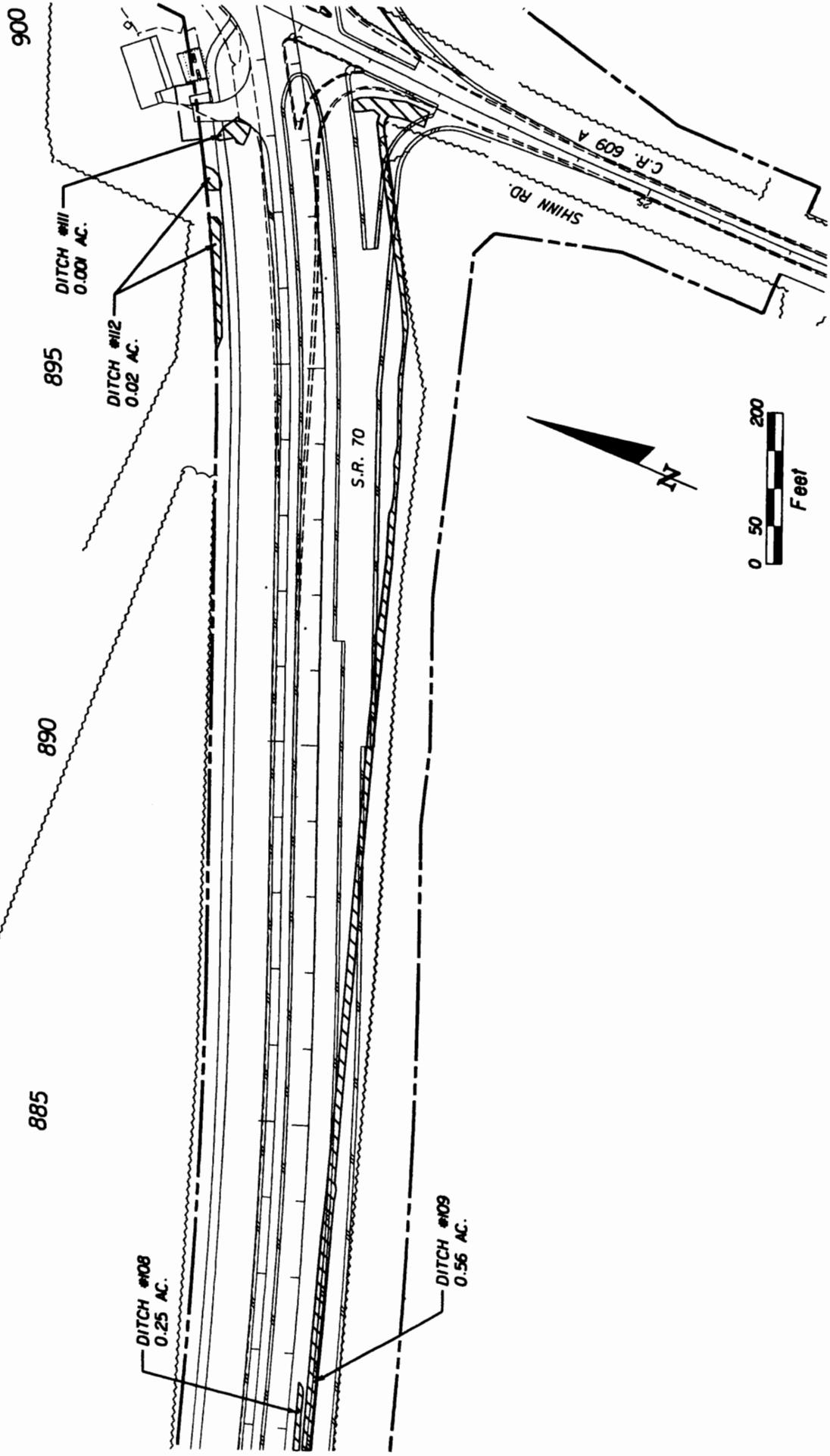


PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES		FLORIDA DEPARTMENT OF TRANSPORTATION	
		U.S. Army Corps of Engineers	
		D.A. # 199603984	
		Drawing Number 15 of 24	
TWP. 36 S	RNG. 38 E	SIGNATURE _____	DATE: 9/30/04
SEC 1, 2		CERTIFICATE NO. 9007	DATE: _____

LEGEND

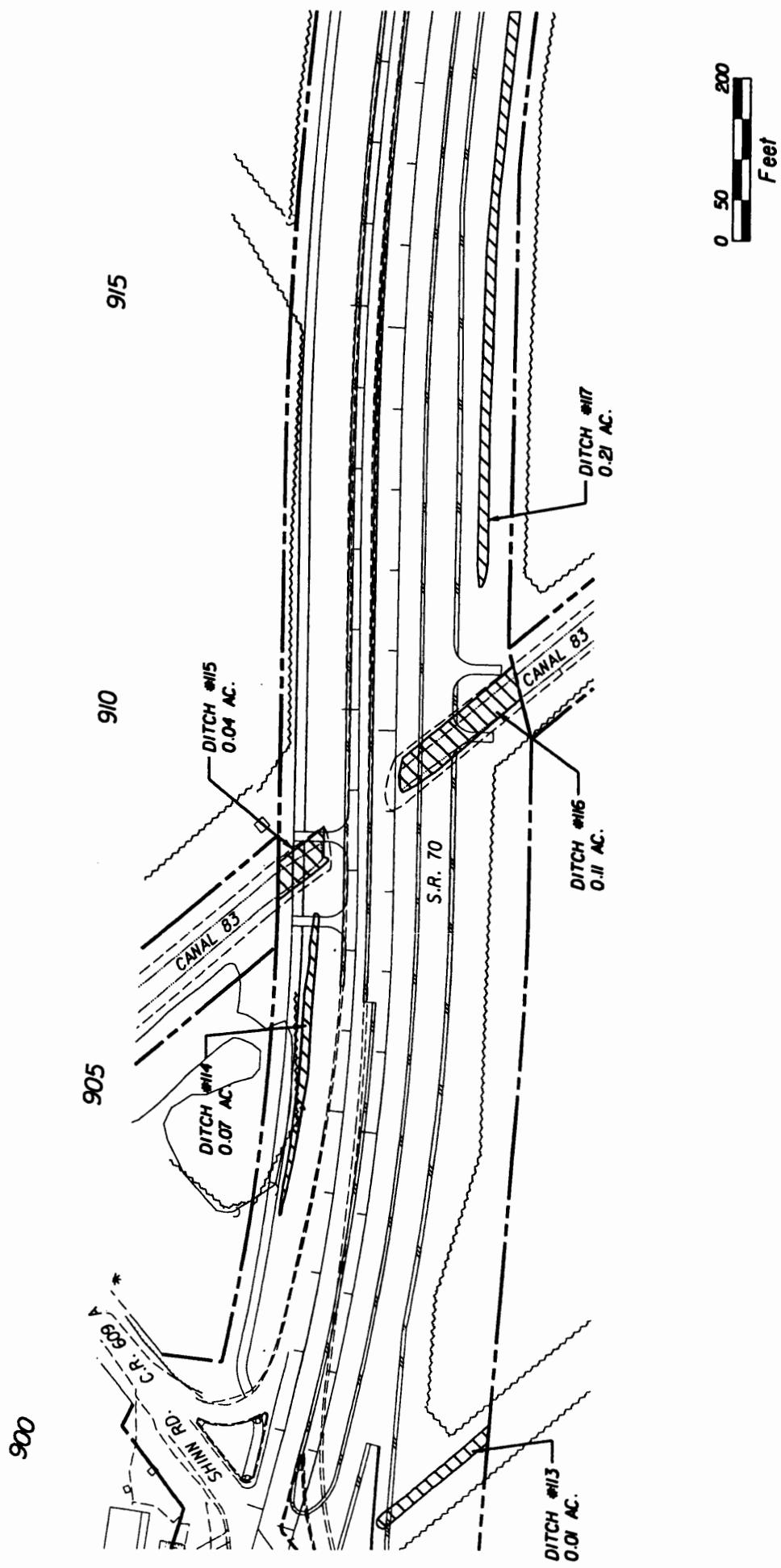


WET DITCH TO BE FILLED



PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES	FLORIDA DEPARTMENT OF TRANSPORTATION		
		U.S. Army Corps of Engineers	
		D.A. # 199603984	
		Drawing Number 16 of 24	
		Date: 9/30/04	
TWP 36 S	RNG 38 E	NAME: _____	DATE: _____
SEC 1. 2		SIGNATURE: _____	CERTIFICATE NO. 9007

LEGEND



FLORIDA DEPARTMENT OF TRANSPORTATION

U.S. Army Corps of Engineers

D.A. # 199603984

Drawing Number 17 of 24

Date: 9/30/04

PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES

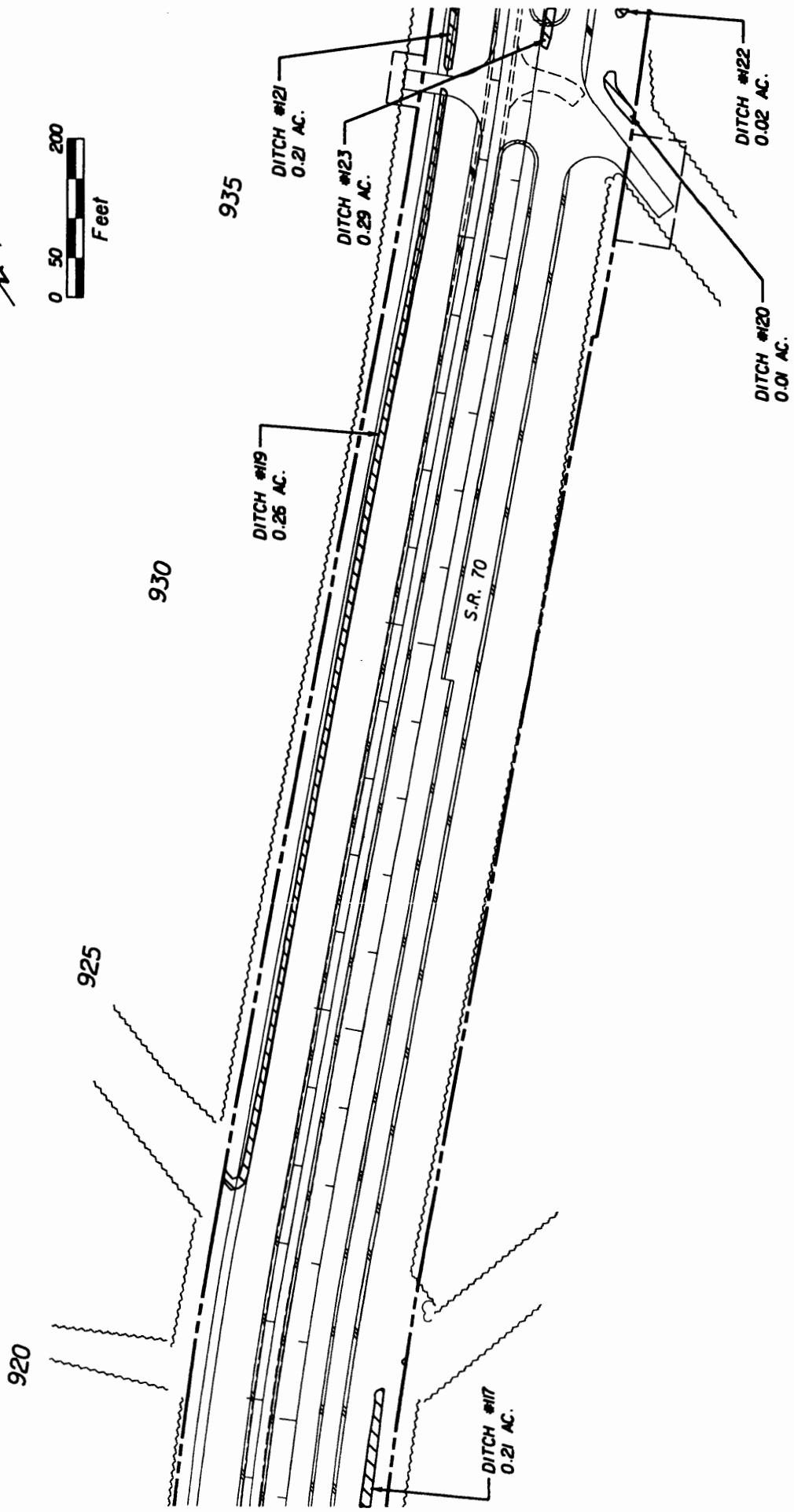
NAME: _____	SIGNATURE: _____
RNG: 38 E	CERTIFICATE NO. 9007

TWP: 36 S	DATE: _____
SEC 1, 2	SECTION: _____

LEGEND



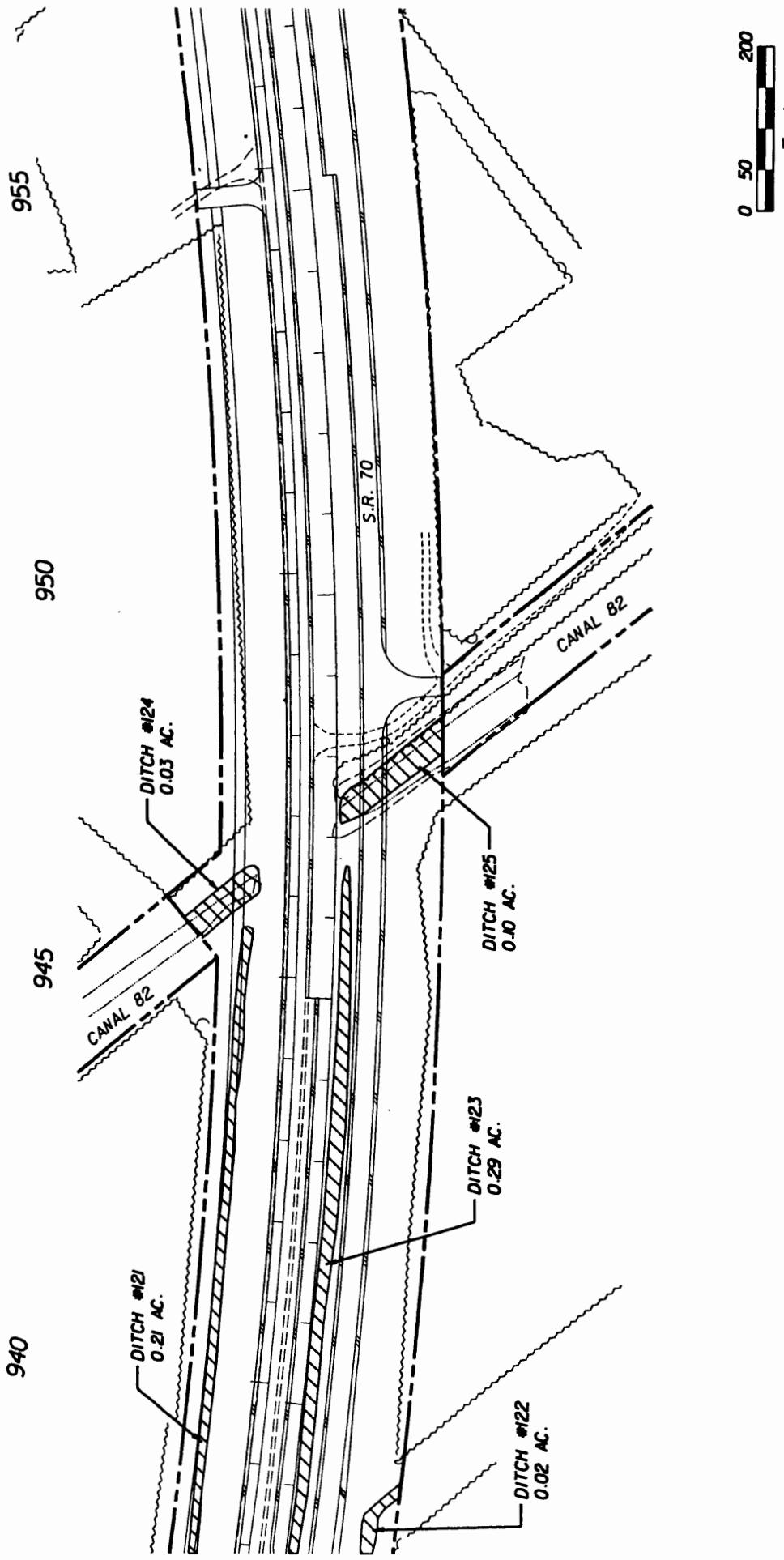
0 50 200
Feet



PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES		FLORIDA DEPARTMENT OF TRANSPORTATION	
		U.S. Army Corps of Engineers	
		D.A. # 199603984	
		Drawing Number 18 of 24	
		Date: 9/30/04	
NAME: _____	SIGNATURE: _____	CERTIFICATE NO. 9007	DATE: _____
TWP. 36 S	RNG. 38 E		
SEC. 1, 2			

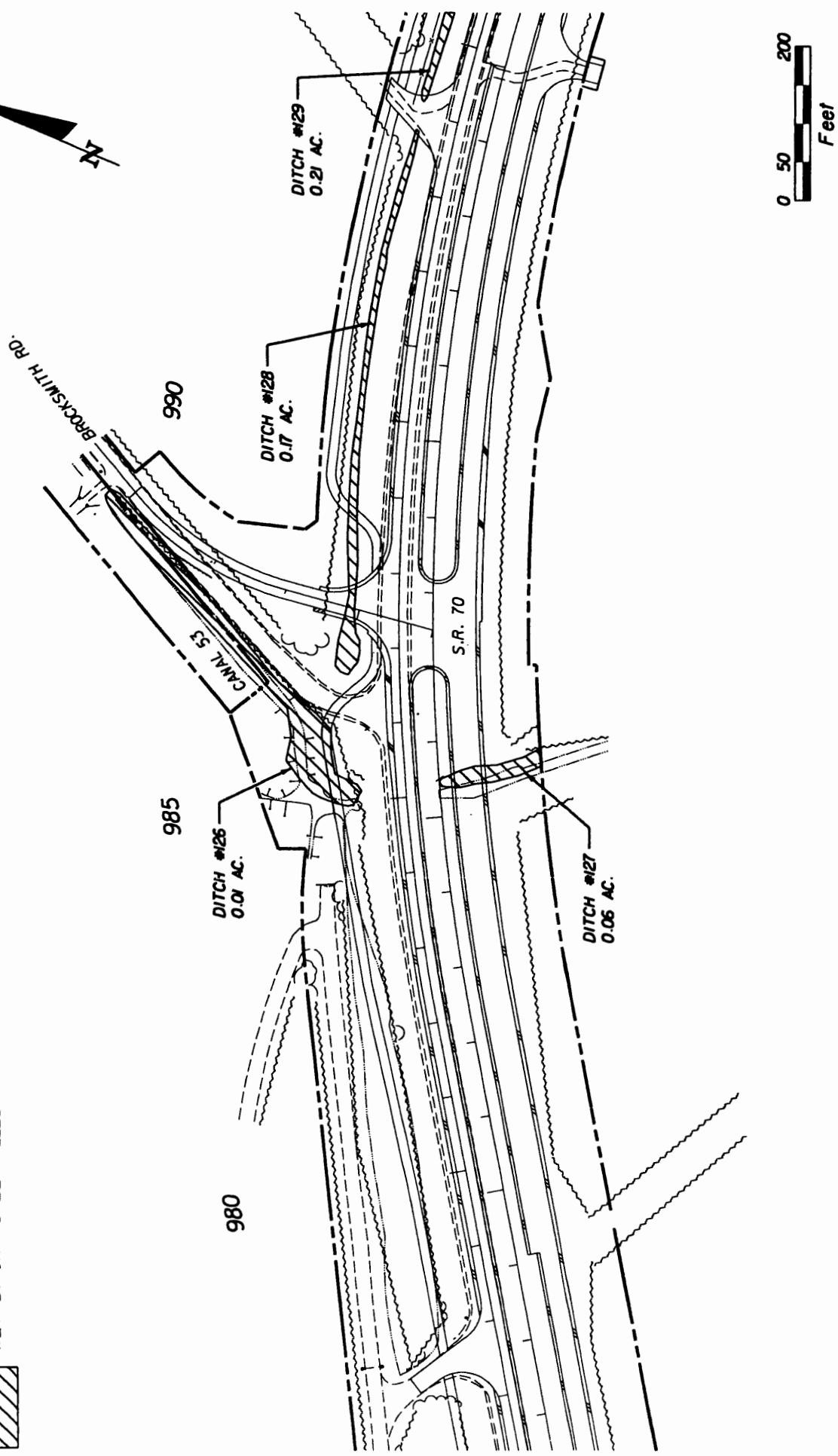
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LEGEND



PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES		FLORIDA DEPARTMENT OF TRANSPORTATION	
		U.S. Army Corps of Engineers	
TWP: 36 S	RNG: 38 E	NAME: _____	D.A. # 199603984
SEC 1, 2		SIGNATURE: _____	Drawing Number 19 of 24
		CERTIFICATE NO. 9007	DATE: 9/30/04

LEGEND



PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES		FLORIDA DEPARTMENT OF TRANSPORTATION		U.S. Army Corps of Engineers
NAME: _____	SIGNATURE: _____	CERTIFICATE NO. 9007	DATE: 9/30/04	D.A. # 199603984
TMP: 36 S	RNG: 38 E	Drawing Number 20 of 24		
SEC 1, 2				

LEGEND

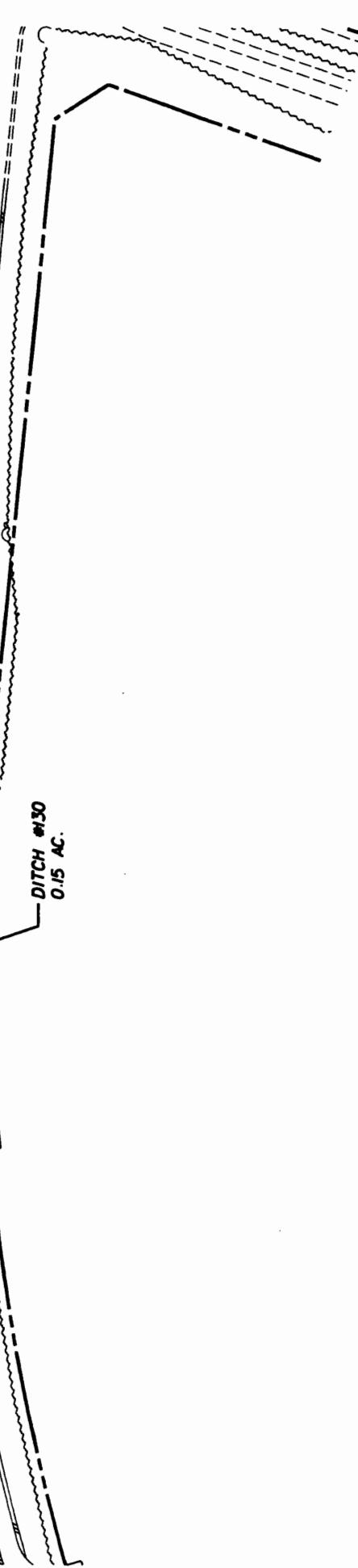


WET DITCH TO BE FILLED

1000
1005
1010

DITCH #28
0.21 AC.

DITCH #30
0.15 AC.



0 50 200
Feet

FLORIDA DEPARTMENT OF TRANSPORTATION

U.S. Army Corps of Engineers

D.A. # 199603984

Drawing Number 21 of 24

Date: 9/30/04

PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES

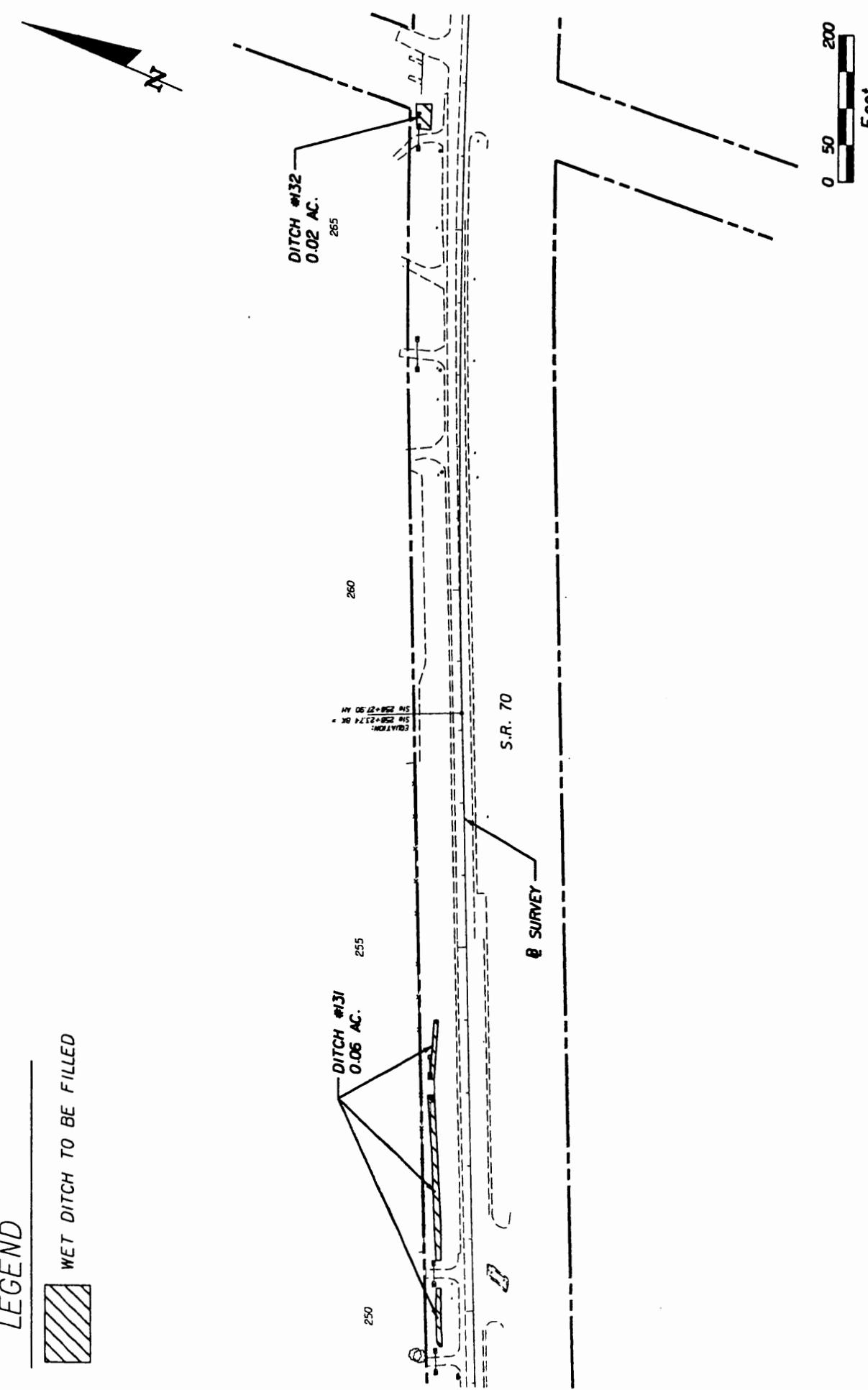
NAME: _____

SIGNATURE: _____

CERTIFICATE NO. 9007

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LEGEND



PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES	FLORIDA DEPARTMENT OF TRANSPORTATION
TWP: 36 S	RNG: 38 E
SEC 1, 2	NAME: _____ SIGNATURE _____ CERTIFICATE NO. 9007 DATE: _____

U.S. Army Corps of Engineers
D.A. # 199603984
Drawing Number 22 of 24
Date: 9/30/04

LEGEND



WET DITCH TO BE FILLED

100-FOOT MIXING ZONE
TURBIDITY MONITORING AREA

DITCH #33
0.05 AC.

DITCH #35
0.04 AC.

320

315

310

305

300

295

290

285

280

275

270

265

260

255

250

245

240

235

230

225

220

215

210

205

200

195

190

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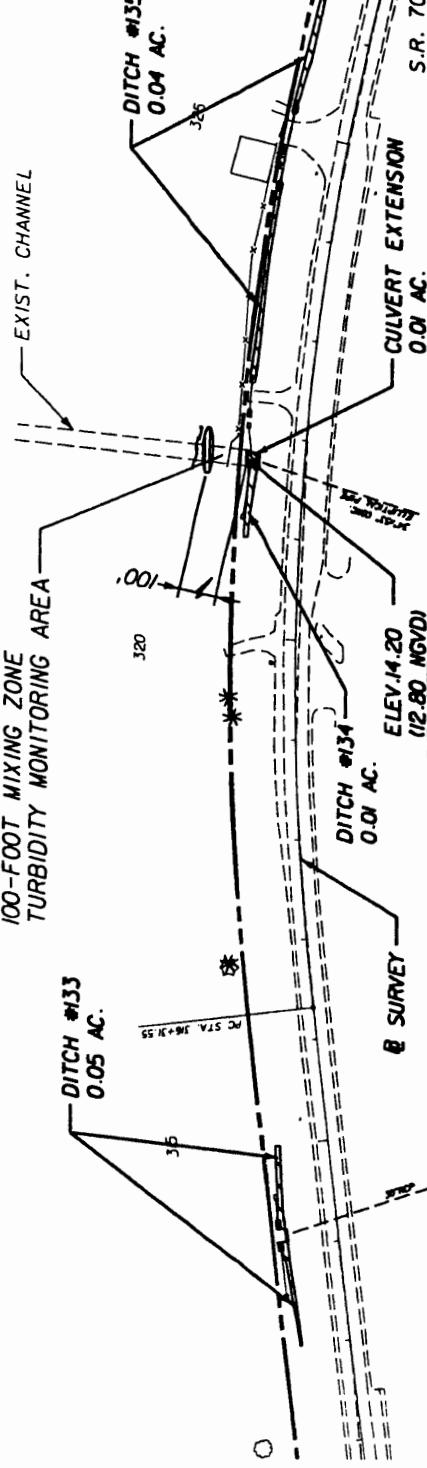
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DATUM: 1988 NAVD

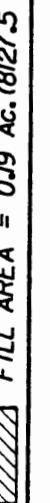
LEGEND



TEMPORARY FLOATING TURBIDITY BARRIER



TURBIDITY MONITORING AREA



FILL AREA = 0.19 AC. (827.5 SF)

PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES

FLORIDA DEPARTMENT OF TRANSPORTATION

U.S. Army Corps of Engineers

D.A. # 199603984

Drawing Number 23 of 24

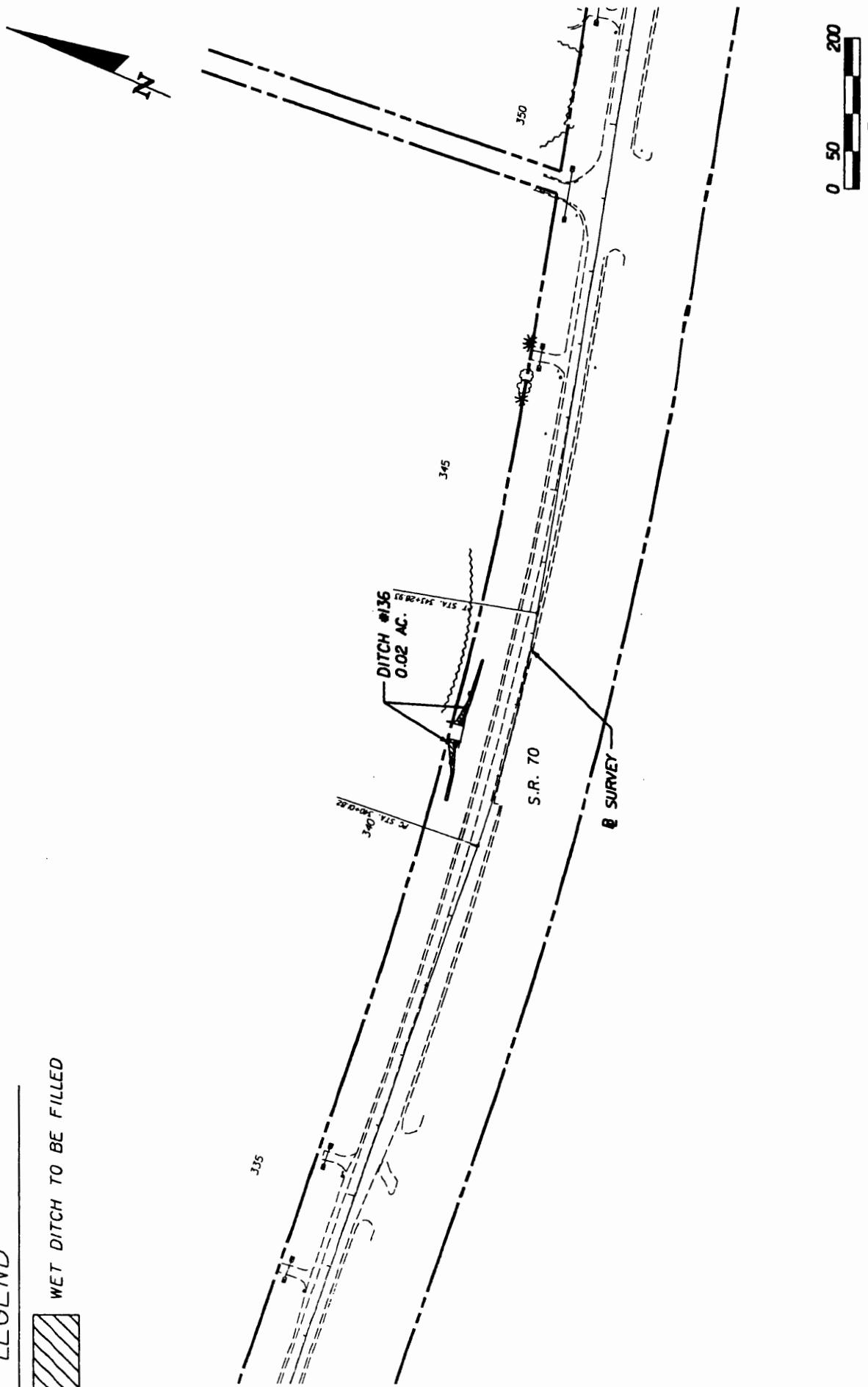
Date: 9/30/04

NAME: _____	SIGNATURE: _____
CERTIFICATE NO. 9007	DATE: _____

TWP: 36 S	RNG: 38 E
SEC 1, 2	

0 50 200

LEGEND



PROJECT DESCRIPTION: S.R. 70 FILLED WET DITCHES		FLORIDA DEPARTMENT OF TRANSPORTATION	
		D.A. # 199603984	
TWP. 36 S	RNG. 38 E	SIGNATURE _____	Drawing Number 24 of 24
SEC 1, 2		CERTIFICATE NO. 9007	Date: 9/30/04

U.S. Army Corps of Engineers
D.A. # 199603984
Drawing Number 24 of 24
Date: 9/30/04

IMPACT ON NATURAL RESOURCES: Preliminary review of this application indicates that an Environmental Impact Statement will not be required. Coordination with U.S. Fish and Wildlife Service, Environmental Protection Agency (EPA), the National Marine Fisheries Services, and other Federal, State, and local agencies, environmental groups, and concerned citizens generally yields pertinent environmental information that is instrumental in determining the impact the proposed action will have on the natural resources of the area. By means of this notice we are soliciting comments on the potential effects of the project on threatened or endangered species or their habitat.

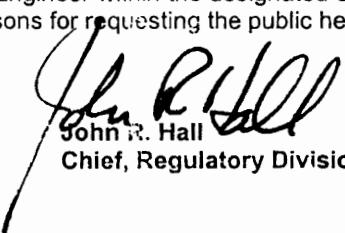
IMPACT ON CULTURAL RESOURCES: Review of the latest published version of the National Register of Historic Places indicates that no registered properties, or properties listed as eligible or inclusion therein, are located at the site of the proposed work. Presently, unknown archeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act of the criteria established under authority of Section 102(a) of the Marine, Protection, Research, and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

The U.S. Army Corps of Engineers (Corps) is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make or deny this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

COASTAL ZONE MANAGEMENT CONSISTENCY: In Florida, the State approval constitutes compliance with the approved Coastal Zone Management Plan. In Puerto Rico, a Coastal Zone Management Consistency Concurrence is required from the Puerto Rico Planning Board. In the Virgin Islands, the Department of Planning and Natural Resources permit constitutes compliance with approved Coastal Zone Management Plan.

REQUEST FOR PUBLIC HEARING: Any person may request a public hearing. The request must be submitted in writing to the District Engineer within the designated comment period of the notice and must state the specific reasons for requesting the public hearing.


John R. Hall
Chief, Regulatory Division